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**REGISTERED PATENT AGENTS

January 3, 2000

WRITER'S DIRECT NUMBER:
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Box Patent Application

Assistant Commissioner for Patents Washington, D.C. 20231

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Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. To be assigned; Filed: Herewith

For: Analog Zero IF FM Decoder and Embodiments Thereof,

Such as the Family Radio Service

Inventors:

Sorrells et al.

Our Ref:

1744.0250001

Sir:

1.4

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Utility Patent Application Transmittal Form (PTO/SB/05);
- 2. U.S. Utility Patent Application entitled:

Analog Zero IF FM Decoder and Embodiments Thereof, Such as the Family Radio Service

and naming as inventors:

David F. Sorrells

Michael J. Bultman

Charles D. Clements

Robert W. Cook

Joseph M. Hamilla

Richard C. Looke

Charley D. Moses, Jr.

Gregory S. Silver

Assistant Commissioner for Patents January 3, 2000 Page 2

the application consisting of:

- a. A specification containing:
 - (i) 20 pages of description prior to the claims;
 - (ii) 7 pages of claims (28 claims);
 - (iii) a one (1) page abstract;
- b. 11 sheets of drawings: (Figures 1-11)
- 3. PTO Fee Transmittal Form PTO/SB/17;
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 5. Two (2) return postcards; and
- 6. Our check No. 26346 for \$1068.00 to cover: \$690.00 filing fee for patent application; \$378.00 fee for excess claims;

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

ERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee

Attorney for Applicants Registration No. 35,239

MQL/PDO:rrs

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sorrells et al.

Appl. No. To be assigned

Filed: Herewith

For: Analog Zero IF FM Decoder and

Embodiments Thereof, Such as

the Family Radio Service

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 1744.0250001



Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

HARNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee

Attorney for Applicants Registration No. 35,239

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Suite 600

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PTO/SB/17 (6/99)
Appl for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known						
Application Number	To be assigned					
Filing Date	Herewith					
First Named Inventor	Sorrells					
Examiner Name	To be assigned					
Group / Art Unit	To be assigned					
Attorney Docket Number	1744.0250001					

TOTAL AMOUNT OF PAYMENT

1068.00

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:	3. ADI	DITIONAL	FEES					
Deposit Account Number 19-0036						•		
Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		
☐ Charge Any Additional Fee Required Under 37 CFR	105	130	205	65	Surcharge - late filing fee or oath			
§§ 1.16 and 1.17	127	50	227	25	Surcharge - late provisional filing fee or co	over sheet		
		30		20				
	139	130	139	130	Non-English specification			
2. ☑ Payment Enclosed: ☑ Check No. ☐ 363 46 ☐ Money Order ☑ Other*	147	2,520	147	2,520	For filing a request for reexamination			
Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.	112	920	112	920*	Requesting publication of SIR prior to Examiner action			
FEE CALCULATION	113	1,840*	113	1,840*	0* Requesting publication of SIR after Examiner action			
	115	110	215	55	Extension for reply within first mor	nth		
1. BASIC FILING FEE	116	380	216	190	Extension for reply within second	month		
Large Entity Small Entity	117	870	217	435	Extension for reply within third mo	onth		
Fee Fee Fee Fee Description Fee Paid	118	1,360	218	680	Extension for reply within fourth m	nonth		
Code (\$) Code (\$)	128	1,850	228	925	Extension for reply within fifth mor	nth		
101 690 201 345 Utility filing fee 690.00	119	300	219	150	Notice of Appeal			
106 310 206 155 Design filing fee	120	300	220	150	Filing a brief in support of an appe	eal		
107 480 207 240 Plant filing fee	121	260	221	130	Request for oral hearing			
108 690 208 334 Reissue filing fee	138	1,510	138	1,510	Petition to institute a public use pre	oceeding		
114 150 214 75 Provisional filing fee	140	110	240	55	Petition to revive - unavoidable			
	141	1,210	241	605	Petition to revive - unintentional			
SUBTOTAL (1) (\$) 690.00		1,210	242	605	Utility issue fee (or reissue)			
	143	430	243	215	Design issue fee			
	144	580	244	290	Plant issue fee			
EXTRA CLAIM FEES Fee from Extra below Fee Pa	id 122	130	122	130	Petitions to the Commissioner			
Total Claims <u>28</u> - 20** = <u>8</u> X <u>18</u> = <u>144.00</u>	_	50	400		5			
Indep. Claims <u>6 - 3** = 3</u> X <u>78</u> = <u>234.00</u>	123	50	123	50	Petitions related to provisional applications			
Multiple Dependent =	126	240	126	240	Submission of Information Disclosure Stmt			
** or number previously paid, if greater; For Reissues, see below Large Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)			
103 18 203 9 Claims in excess of 20	146	760	246	380	Filing a submission after final reject (37 CFR 1.129(a))	ction		
102 78 202 39 Independent claims in excess of 3								
104 260 204 130 Multiple dependent claim	149	760	249	380	For each additional invention to be examined			
108 78 209 39 **Reissue independent claims over original patent		(specify) :			(37 CFR 1.129(b))			
110 18 210 9 **Reissue claims in excess of 20 a over original patent	nd I	(specify):						
Over Original patent	1	d by Basic F	iling Fee	Paid				
SUBTOTAL (2) (\$) 378.00		,						
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SUBMITTED BY					Complete (if applicable)			
Typed or Printed Name Michael Q Use			-			25 220		
Printed Name Michie 2 Lie Signature	T	1-1, 1			Reg. Number	35,239		

				of information unless i						
78				Attorney Docket No.	1744.02500	01/MQI/PDO				
				First Inventor or Application Identifier	ation Sorrells					
S	(Only for new non	provisional applications under	· 37 CFR § 1.53(b))		ro IF FM Dagodor	and Embodimen There				
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		PLICATION ELEMENT 00 concerning utility patent ap		ADDRESS TO: Box Pa	nt Commissioner for I tent Application agton, DC 20231	ratents n t				
1. 🛭		nittal Form (e.g., PTO/SB inal, and a duplicate for fee pr		6. Microfiche Con	nputer Program (A	Appendix)				
2.	2. Specification [Total Pages 28]			7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
(preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D				a. Computer Readable Copy						
	- Reference to Mic - Background of th	ne Invention		b. Paper Copy	(identical to com	puter copy)				
				c. Statement verifying identity of above copies						
3. 🔀	Drawings (3:	5 U.S.C. 113) [Total S	heets <u>11</u>]	ACCOMPAN	YING APPLIC	ATION PARTS				
4. 🗀	Oath or Decl	aration [Total Pa	nges]	8. Assignment Paper	rs (cover sheet & doc	eument(s))				
a. Newly executed (original or copy)			9. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)							
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]				10. English Translation Document (if applicable)						
				11. Information Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449						
			12. Preliminary Amer	ndment						
		named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).		13. Two (2) Return Receipt Postcards (MPEP 503) (Should be specifically itemized)						
5. Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the			14. *Small Entity Statement(s) (PTO/SB/09-12) Statement filed in prior application, Status still proper and desired							
		n is supplied under Box 4b, is on the accompanying application a in.								
					§ 1.136(a)(3) Author	orization				
				Other:						
				Other: *NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.28).						
17.	If a CONTINUI	NG APPLICATION, che	ck appropriate box, and su	apply the requisite information b	pelow and in a prelimi	nary amendment:				
	□ Continuation	☐ Divisional	□Continuation-in-	-Part (CIP) of prior appl	ication No: 60/11	6,848				
	Prior application	information: Examin	er	Group/Art Uni	t:					
			18. CORRESPON	DENCE ADDRESS						
					;					
	Customer N or Bar Code		ustomer No. or Attach	bar code label here)	or X Corres address	oondence below				
NAM	TE .	STERNE, KESSLER, GOLDST	EIN & FOX P.L.L.C.							
		Attorneys at Law								
	RESS	Suite 600, 1100 New York	Avenue, N.W.							
		1	077 / 777							
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Date

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